

COVID-19 MODELING WEEKLY UPDATE

January 6, 2023

KEY TAKEAWAYS

- The Commonwealth continues to see sustained growth in weekly case rates. The seven-day average is now 28.3 per 100k. This is up 68% in the last month.
- Fifty-seven counties and cities are reporting high COVID19 community levels. Up from 19 two weeks ago. The CDC recommends residents of these areas wear masks when in indoor public places. Another 46 locales are at medium community levels. The CDC recommends masking for high-risk individuals in these areas.
- Hospital occupancy is continuing to grow. There are now 1067 Virginians currently hospitalized for COVID19. This is the highest value seen since February 24, 2022. Of these, 141 are in the Intensive Care Unit, and 38 are on mechanical ventilators. All three metrics are up more than 65% since this time last month.
- BQ.1 and BQ.1.1 are still the dominant variants, but they are losing ground. XBB and XBB.1.5 cases are surging, and together account for almost 40% of new cases. We expect them to become the dominant subvariants in the coming weeks.
- The new XBB subvariants can infect those with prior immunity. They are also extremely infectious. Bolstered by winter weather and holiday travel, XBB is expected to cause another surge. Please consider getting your bivalent COVID19 boosters if you haven't already. Also please continue to practice good prevention.

1,339,792

Total Bivalent Booster Doses Administered by Jan. 5, 2023

15.7% / 39.3%

Of eligible Virginians / Seniors have received a Bivalent Booster as of January 5, 2022

32.7% / 60.7%

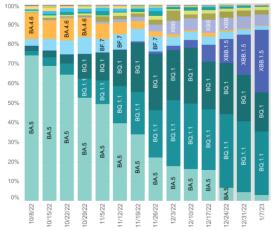
Of Virginians / Seniors have received an annual Flu shot as of January 5, 2022

57 / 46

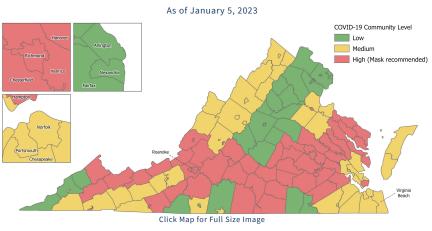
Virginia Localities at High / Medium Community Levels as of January 5, 2023

KEY FIGURES

Variant Mix - HHS Region 3



CDC Community Levels



UVA Model of Weekly Hospital Admissions

